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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/986,666

DATE: 04/10/2002

TIME: 12:24:48

Input Set : A:\Sequence Listing for Divisional 3.txt

Output Set: N:\CRF3\04102002\I986666.raw

```
3 <110: APPLICANT: HO, CHIEN
              TSAI, CHING-HSUAN
      4
              FANG, TSUEI-YUN
      5
              SHEN, TONG-JIAN
      6
      8 <120> TITLE OF INVENTION: LOW OXYGEN AFFINITY MUTANT HEMOGLOBIN
     10 <130> FILE REFERENCE: 002547/20118DIV3
     12 <140: CURRENT APPLICATION NUMBER: 09/986,666
     13 <141: CURRENT FILING DATE: 2001-11-09
     15 <150> PRIOR APPLICATION NUMBER: 09/598,218
     16 <1515 PRIOR FILING DATE: 2000-06-21
     18 -: 160> NUMBER OF SEQ ID NOS: 7
     20 <170> SOFTWARE: PatentIn version 3.1
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     23 - 211> LENGTH: 28
     24 - 212> TYPE: DNA
     25 <213> ORGANISM: Artificial Sequence
     27 < 220> FEATURE:
     28 <223> OTHER INFORMATION: DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce
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     53 APPOS FEATURE:
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om laggage throughput destrains at a brainer.

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63 <212> TYPE: DNA

64 <213> ORGANISM: Artificial Sequence

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77 <213> ORGANISM: Homo sapiens	
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82 daatttoada daggaaadag aattogagot oggtaddogg gotadatgga gattaadtoa	12:0
8! atotagaggg tatiaalaat gtatogotta aataaggagg aataacatat ggtgotgtot	180
86 cotgoogada agaddaacgt daaggoogdd tggggtaagg toggogdda cgctggogag	240
88 targgtgegg aggecetgga gaggatgtte etgteettee eeaccaecaa gacctaette	300
90 cogcactiog atotgagoca oggototgoc caggitaagg gocacggoaa gaaggitggoo	360
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96 typotyctyg tyaccotygo cyccoacoto occyccyayt toaccootyc gytycacyco	540
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112 teetgggaca agtactggte tgtgtgetgg eceateaett tggeaaagaa tteaceceae	1020
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132 - 1310 - SEQ 1D NO: 7 133 - (211) - LENGTH: 1140	
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137 <400> SEQUENCE 7	
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130 adalyayely liyacadela alcallyyddi cylaidalyi yryddai iyi yaw dharwa - 11M-ryytthig rollog en er en er en er e	

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150	gacgcgctga	ccaacgccgt	ggegeaegtg	gacgacat.gc	ccaacgcgct	gtdegdddtg	420
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15h	tecetggaea	agttcctggc	ttctgtgagc	accgtgctga	cotocaaata	ccgttaaact	6()()
158	agagggtatt	aataatgtat	cgcttaaata	aggaggaata	acatatggtg	cacctgactc	660
160	ctgaggagaa	gtctgccgtt	actgccctgt	ggggcaaggt	gaacgtggat	gaagttggtg	720
162	gtgaggccct	gggcaggctg	ctggtggtct	accettggac	ccagaggttc	tttgagtcct	780
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168	ttgccacact	gagtgagctg	cactgtgaca	agctgcacgt	ggatectgag	aacttcaggt	960
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174	atcactaage	atgcatctgt	tttggcggat	gagagaagat	tttcagcctg	atacagatta	1140

VERIFICATION SUMMARY

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